

## ABSTRACT

A first scheduler 152 carries out scheduling deciding a destination apparatus based on radio line quality prediction results from a radio line quality prediction section 107. A second scheduler 5 153 carries out scheduling on a time slot to which a packet to be retransmitted is assigned by the first scheduler 152, based on the radio line quality prediction results from the radio line quality prediction section 107 and the scheduling results of the first scheduler 152. A transmission control section 155 controls a 10 transmission queue 156, an error correction encoding section 158 and a modulation section 159, in accordance with the scheduling results of the first scheduler 152 when a signal is an ACK signal, and in accordance with the scheduling results of the second scheduler 153 when the signal is a NACK signal. In this way, even when a transmitted 15 packet is correctly demodulated, other packet can be transmitted in the time slot to which a packet to be retransmitted is assigned, so that decrease in the transmission rate can be prevented.